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10/688,316

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EXAMINER

BAYARD, DJENANE M

ART UNIT

PAPER NUMBER

2141

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

mn

<b>Office Action Summary</b>	Application No. 10/688,316	Applicant(s) LANDRAM ET AL.	
	Examiner Djenane M. Bayard	Art Unit 2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 November 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This is in response to communication filed on 11/23/07 in which claims 1-31 are pending.
2. The affidavit filed on 12/31/07 under 37 CFR 1.131 is sufficient to overcome the Nixon et al reference.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 9-10, 14-16, 18-20, 23-29 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,529,727 to Findikli et al.
  - a. As per claim 9, Findikli et al teaches maintaining configuration data on a server coupled to a network, the method comprising the steps of: storing in memory on the server different configuration data for a plurality of different mobile devices (See col. 4, lines 11-18), wherein

each mobile device is operable to maintain a communication link as the mobile device roams between communication cells (See col. 3, lines 33-35); the server receiving, via the network, requests for the different configuration data from the different mobile devices respectively (See col. 2, lines 1-17) ; and the server providing, via the network, the different configuration data to the different mobile devices, respectively (See col. 6, lines 1-40).

b. As per claim 14, Findikli et al teaches a self configuring mobile device, comprising: a discovery module for discovering device specific information on a wireless computer network (See col. 4, lines 26-40); a communication module for transmitting data to and receiving data from the wireless computer network, wherein the communications module obtains device specific information from the discovery module to establish a communications link to at least one device (See col. 5, lines 49-67 and col. 6, lines 1-40); an update module operatively coupled to the communications module for querying the at least one device to obtain a configuration update (See col. 6, lines 1-40) ; and a configuration module for configuring the mobile device, wherein the configuration module implements the configuration update to configure the mobile device to a custom configuration (See col. 6, lines 1-55), wherein the mobile device is operable to maintain a communication link as the mobile device roams between communication cells (See col. 3, lines 33-35).

c. As per claim 10, Findikli et al teaches the claimed invention as described above. Furthermore, Findikli et al wherein the step of maintaining configuration data for a plurality of mobile devices includes the steps of: storing in memory on the server an identification code for

uniquely identifying each mobile device; wherein the configuration data corresponds to the identification code (See col. 2, lines 60-67).

d. As per claim 15, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches a user input module for entering data corresponding to the configuration of the mobile device (See col. 3, lines 40-46)

e. As per claim 16, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the user input module is a keypad. (See col. 3, lines 40-46).

f. As per claim 18, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the self configuring mobile device initially is configured in a generic state (See col. 2, lines 18-32).

g. As per claim 19, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches at least one system backbone; at least one host computer coupled to the system backbone; a wireless remote station coupled to the at least one system backbone; and the self configuring mobile device of claim 14, wherein the self configuring mobile device and the at least one host computer are operatively configured to wirelessly communicate configuration information there between, and the self configuring mobile device changes a first configuration setting to a second configuration based on a plurality of

configuration data received from the at least one host computer, said second configuration setting being specific to a particular environment (See

h. As per claim 20, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches a local station coupled to the at least one system backbone and to at least one remote communication link, wherein the wireless remote station is coupled to the at least one system backbone through the remote communication link and the local station (See col. 4, lines 11-25).

i. As per claim 23, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the local station and the wireless remote station are routers (See col. 4, lines 11-25).

j. As per claim 24, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the environment is a computer network (See col. 1, lines 22-32).

k. As per claim 25, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the environment is a computer management system for managing business operations (See col. 1, lines 22-32).

l. As per claim 26 Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the at least one host computer includes a memory and a database stored in the memory (See col. 6, lines 15-40).

m. As per claim 27, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the database comprises: an identification entry for uniquely identifying each self configuring mobile device in the system; and a configuration entry for specifying the configuration of the self configuring mobile device, wherein the configuration entry corresponds to the identification entry (See col. 6, lines 1-40).

n. As per claim 28, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the identification entry is a device serial number (See col. 2, lines 18-20).

o. As per claim 29, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the database further comprises a registration data entry and a device capabilities entry (See col. 6, lines 1-40).

### *Claim Rejections - 35 USC § 103*

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are

such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-3, 7-8, 30- 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 7,133695 to Beyda in view of U.S. Patent No. 6,529727 to Findikli et al.

a. As per claim 1, Findikli et al a method of transacting business in conjunction with a sale of mobile devices, the method comprising the steps of: shipping at least a first mobile device to a first end user and at least a second mobile device to a second end user different from the first end user, the first mobile device and the second mobile device having generally a same hardware and software configuration during shipping; maintaining on at least one server coupled to a network configuration data for a plurality of mobile devices ( See col. 2, lines 1-17); downloading first configuration data and second configuration data, respectively, from the at least one server, the first configuration data and the second configuration data being generally different ; and automatically configuring themselves based on the first configuration data and the second configuration data (See col. 6, lines 1-40), wherein the mobile device is operable to maintain a communication link as the mobile device roams between communication cells (See col. 3, lines 33-35). Furthermore, Findikli et al inherently teaches wherein upon receipt of the first mobile device and the second mobile device by the first end user and the second end user, respectively, powering up the first mobile device and the second mobile device; and upon being powered up, the first mobile device and the second mobile device each automatically connecting to the at least one server via the network.



Beyda teaches a system and method for automatic mobile device activation.

Furthermore, Beyda teaches wherein the user switches the cellular telephone on, the local switch detects the power on and also determines that the telephone is preactivated (See col. 3, lines 43-45).

It would have been obvious to one with ordinary skill in the art at the time the invention was made to incorporate the teaching of Beyda in the claimed invention of Findikli et al in order to

b. As per claim 2, See claim 10 above.

c. As per claim 3, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the step of automatically connecting to the at least one server includes the steps of: transmitting to the server an identification code of the respective mobile device; and retrieving by the server configuration data based on the transmitted identification code (See col. 2, lines 60-67 and col. 3, lines 1-3).

d. As per 7, Findikli et al teaches the claimed invention as described above. Furthermore, Findikli et al teaches configuring the mobile device manually in the event of a failure of the automatic configuration. (See col. 5, lines 37-39).

e. As per claim 8, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the step of configuring the mobile device manually

further comprises the steps of: creating encrypted data, wherein the encrypted data includes an identifier, a time/date window, and configuration data; entering the encrypted data into the mobile device; verifying that the identification code and the time/date window relative to the particular mobile device; and using the configuration data to configure the mobile device, wherein the configuration is conditioned upon the verification of the identifier and the time/date window (See col. 2, lines 18-32, col. 4, lines 26-62 and col. 5-24).

t. As per claim 30, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein the first mobile device and the second mobile device include a number of predefined features, and wherein automatically configuring the respective mobile devices includes configuring the first mobile device to enable access to a first number of features of the predefined number of features, and configuring the second mobile device to enable access to a second number of features of the predefined number of features, wherein the first number is different from the second number (See col. 4, lines 26-40).

u. As per claim 31, Findikli et al teaches the claimed invention as described above.

Furthermore, Findikli et al teaches wherein automatically configuring the mobile devices includes enabling or disabling features of the mobile devices based on an intended or actual user of the respective mobile devices (See col. 4, lines 26-40).

5. Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,529,727 to Findikli in view of U.S. Patent No. 7,133,695 to Beyda as applied to claims 1 above and further in view U.S. Patent No. 6,628,934 to Rosenberg et al.

a. As per claim 4, Findikli et al teaches the claimed invention as described above. However, Findikli et al fails to teach wherein teaches a gateway for establishing remote communications between each mobile device and the server.

Rosenberg et al teaches wherein the mobile wireless device connects to a gateway (See col. 6, lines 1-40)

It would have been obvious to one with ordinary skill in the art at the time the invention was made to incorporate the teaching of Rosenberg et al in the claimed invention of Findikli et al in order to provide a link between the wireless network and the server (See col. 6).

b. As per claim 5, Findikli et al teaches the claimed invention as described above. However, Findikli et al fails to teach wherein the gateway is an internet connection.

Rosenberg et al teaches wherein the gateway is an internet connection (See col. 6, lines 1-40)

It would have been obvious to one with ordinary skill in the art at the time the invention was made to incorporate the teaching of Rosenberg et al in the claimed invention of Findikli et al in order to provide a link between the wireless network and the server (See col. 6).

c. As per claim 6, Findikli et al teaches the claimed invention as described above.

However, Findikli et al fails to teach wherein the gateway is an intranet connection.

Rosenberg et al teaches wherein the gateway is an intranet connection (See col. 6)

It would have been obvious to one with ordinary skill in the art at the time the invention was made to incorporate the teaching of Rosenberg et al in the claimed invention of Findikli et al in order to provide a link between the wireless network and the server (See col. 6).

6. Claims 11-13 and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,529,727 to Findikli as applied to claims 9 and 14 above and further in view U.S. Patent No. 6,628,934 to Rosenberg et al.

a. As per claims 11, 12, 13, 21 and 22, See claims 4, 5 and 6 above.

6. Claim 17 rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,529,727 to Findikli as applied to claim 14 above and further in view U.S. Patent Application No. 2005/0148367 to Natsumo.

a. As per claim 17, Findikli et al teaches the claimed invention as described above.

However, Findikli et al fails to teach wherein the user input module is a bar code reader.

Natsuno teaches a mobile communication terminal and card information reading device. Furthermore, Natsuno teaches wherein the user input module is a bar code reader (See page 14, paragraph [0313]).

It would have been obvious to one with ordinary skill in the art at the time the invention was made to incorporate wherein the user input module is a bar code reader as taught by Natsuno into the claimed invention of Findikli in order for the transmitter receiver to exchange various information with the CAFIS Network (See page 14, paragraph [0313]).

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Djenane M. Bayard whose telephone number is (571) 272-3878. The examiner can normally be reached on Monday- Friday 5:30 AM- 3:00 PM..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

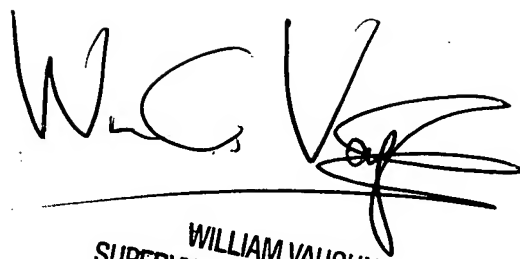
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Djenane Bayard

Patent Examiner

A handwritten signature in black ink, appearing to read 'W.C. Vaughn', with a horizontal line drawn underneath it.

WILLIAM VAUGHN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100